L	Hits	Search Text	DB	Time stamp
Number	1	("6307941").PN.	USPAT	2004/07/06
15	1	("630/941").PN.	USPAI	16:01
_	497	(381/17).CCLS.	USPAT;	2003/08/22
			EPO; JPO;	12:25
		/#5105460# \ #5052500# \ #5465401# \	DERWENT	2000 (00 (00
-	9	("5105462"   "5371799"   "5467401"     "5581618"   "5666425"   "5822438"	USPAT	2003/08/20
		"5946400"   "6259795"   "6307941").PN.		13.33
_	24	(381/17).ccls. and HRTF and (time adj2	USPAT	2003/08/20
		delay)		14:25
-	5	("5438623"   "5644640"   "5822438"	USPAT	2003/08/20
_	30	"5917916"   "6243476").PN. 5173944.URPN.	USPAT	13:47   2003/08/20
	30	SI/SSII. ONLIN.	OBINI	13:53
_	37	5371799.URPN.	USPAT	2003/08/20
				13:54
-	18	5521981.URPN.	USPAT	2003/08/20
_	1	(381/17).ccls. and HRTF and (near-ear)	USPAT	2003/08/20
	_	(002,2,,0002,0002,0002,0002,0002,0002,0		13:58
-	5	("5438623"   "5644640"   "5822438"	USPAT	2003/08/20
	0	"5917916"   "6243476").PN. central-research.AS. and near-ear	USPAT	13:58   2004/06/29
-		central-research.As. and near-ear	USPAI	15:33
_	3	research.AS. and near-ear	USPAT;	2003/08/20
			EPO; JPO;	14:13
		0707514 vvppv	DERWENT	2002/00/20
-	0	9737514.URPN.	USPAT	2003/08/20 14:02
_	11	research.AS. and HRTF	USPAT;	2003/08/27
			EPO; JPO;	08:55
			DERWENT	
-	12	sibbald.in. and HRTF	USPAT; EPO; JPO;	2003/08/21 16:00
			DERWENT	10.00
-	1	(381/17).ccls. and STCF	USPAT;	2003/08/20
			EPO; JPO;	14:36
	1.0	5500900.URPN.	DERWENT	2003/08/20
_	18	5500900.0RPN.	USPAT	14:29
_	,3	(381/17).ccls. and near-field	USPAT;	2003/08/20
•			EPO; JPO;	14:33
		/201/17\1	DERWENT	2003/08/20
-		(381/17).ccls. and far-field	USPAT; EPO; JPO;	14:33
			DERWENT	
-	2	research.AS. and (ear adj2 gain)	USPAT;	2003/08/20
			EPO; JPO; DERWENT	14:34
_	2	research.AS. and HRTF and gain	USPAT;	2003/08/21
			EPO; JPO;	16:09
	_		DERWENT	0000 (00 (05
-	5	(381/17).ccls. and inter-aural	USPAT; EPO; JPO;	2003/08/26 14:22
			DERWENT	17.66
-	0		USPAT	2003/08/20
		"5581618"   "5666425"   "5822438"		14:36
	9	"5946400"   "6259795"   "6307941").PN.   ("5105462"   "5371799"   "5467401"	USPAT	2003/08/20
-		("5105462"   "5371799"   "5467401"     "5581618"   "5666425"   "5822438"	OSPAI	14:37
		"5946400"   "6259795"   "6307941").PN.		
-	146	hrtf	USPAT;	2003/08/20
			EPO; JPO; DERWENT	14:54
_	5	   ("4748669"   "5438623"   "5930733"	USPAT	2003/08/20
		"5970153"   "6067361").PN.		14:47
-	0	EP-06897560-\$.did.	USPAT;	2003/08/20
			EPO; JPO;	14:54
L	J	<u></u>	DERWENT	

-	0	EP-0689756-\$.did.	USPAT;	2003/08/20
1		·	EPO; JPO;	14:54
			DERWENT	
·	2	EP-689756-\$.did.	USPAT;	2003/08/20
-		EF-009/30-9. QIQ.	·	15:34
			EPO; JPO;	15:34
			DERWENT	
-	9	sony.AS. and HRTF	USPAT;	2003/08/20
			EPO; JPO;	16:05
			DERWENT	
_	30	sony.AS. and near-field	USPAT;	2003/08/20
1	] 30	bony.Ab. and near freta	EPO; JPO;	16:05
				10.03
			DERWENT	
-	7	(381/17).ccls. and (right near2 gain)	USPAT;	2003/08/20
			EPO; JPO;	16:07
			DERWENT	i
_	l ol	("(computernear2storagenear2medium)same(au		:e2:030331/0181/2PN.
		( ( oomparorricares soragoricaremoaram) samo (aa	EPO; JPO;	09:24
				09.24
			DERWENT	
<del>-</del>	12	(computer near2 storage near2 medium)	USPAT;	2003/08/21
1		same (audio near4 process\$3)	EPO; JPO;	09:28
i			DERWENT	1
_	l ol	(single adj2 channel near2 process\$3)	USPAT;	2003/08/21
		same (computer adj2 program)	EPO; JPO;	09:29
]		Same (compacer adjz program)		55.25
1		, ,, , , , , , , , , , , , , , , , ,	DERWENT	0000/00/00
-	75	(audio near2 process\$3) same (computer	USPAT;	2003/08/21
		adj2 program)	EPO; JPO;	09:39
		-	DERWENT	1.
_	31	(audio near2 process\$3) same (computer	USPAT;	2003/08/21
1		adj2 medium)	EPO; JPO;	09:40
		aujz meurum,		09.40
		(004/45)	DERWENT	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
j <b>-</b>	6		USPAT;	2003/08/21
		medium)	EPO; JPO;	10:19
			DERWENT	.1.
_	5	("5414774"   "5748513"   "5761315"	USPAT	2003/08/21
		"5974153"   "6009179").PN.		09:43
	1.5		HCDAM.	
-	15	(381/17).ccls. and (computer adj2	USPAT;	2003/08/21
		program)	EPO; JPO;	10:23
			DERWENT	
-	7	(381/17).ccls. and (look-up near2 table)	USPAT;	2003/08/21
		•	EPO; JPO;	10:24
			DERWENT	10121
	19	(381/17).ccls. and (magnitude near3		2003/08/21
-	19		USPAT;	
		signal)	EPO; JPO;	11:37
			DERWENT	
-	2	WO-9737514-\$.did.	USPAT;	2003/08/21
			EPO; JPO;	11:38
			DERWENT	<b> </b>
]_	l ol	("(process\$3near2singlenear2channel)").PN.	USPAT;	2003/08/21
-	ا ا	( (processyshearzsingrenearzchanner) ).PN.	· ·	
			EPO; JPO;	12:30
			DERWENT	1
<del>-</del>	17	1 +	USPAT;	2003/08/21
		near2 audio	EPO; JPO;	12:43
			DERWENT	
_	34	5208860.URPN.	USPAT	2003/08/21
	] [	020000.01/11/4	UD1111	
	_	5 COO 4 2 2 - MD DVI	110 7 7 11	12:35
-	3	5682433.URPN.	USPAT	2003/08/21
				12:37
-	3	5682433.URPN.	USPAT	2003/08/21
				12:38
l _	641	(369/61,86,97).CCLS.	USPAT;	2003/08/21
j	041	(200,01,00)01,0040.		
1			US-PGPUB;	12:51
1	_	(2.5.4.5.2.5.2.	EPO; JPO	
-	0	(369/61,86,97).ccls. and HRTF	USPAT	2003/08/21
				12:45
-	0	(369/61,86,97).ccls. and HRTF	USPAT;	2003/08/21
		, , ,	EPO; JPO	12:45
<u>-</u>	2	1369/61 86 97) cale and thood adds		
<sup>-</sup>		(369/61,86,97).ccls. and (head adj2	USPAT;	2003/08/21
	1	response)	US-PGPUB;	12:45
			EPO; JPO	
-	12	4393489.URPN.	USPAT	2003/08/21
				12:48
		• • • • • • • • • • • • • • • • • • • •		

_	401	(381/61).CCLS.	USPAT;	2003/08/21
			US-PGPUB;	12:51
	·		EPO; JPO	
	351	(381/61).CCLS.	USPAT;	2003/08/21
-	331	(301/01).0013.	EPO; JPO	13:08
			*	
-	1909	pseudo near2 process\$3	USPAT;	2003/08/21
ŀ		· · · · · · · · · · · · · · · · · · ·	EPO; JPO	12:56
_	0	(pseudo near2 process\$3) same HRTF	USPAT;	2003/08/21
			EPO; JPO	12:56
l _	l o	(pseudo near2 process\$3) same (head adj2	USPAT;	2003/08/21
		response)	EPO; JPO	12:57
	7	(pseudo near2 process\$3) same (storage	USPAT;	2003/08/21
_	·			
		adj2 medium)	EPO; JPO	12:57
-	677	process\$3 near2 single near2 channel	USPAT;	2003/08/21
			EPO; JPO;	12:59
			DERWENT	
_	0	(computer adj2 program) same HRTF	USPAT;	2003/08/21
		( compared any fraction,	EPO; JPO;	13:00
			DERWENT	1
	.	/\	USPAT;	2003/08/21
-	8	(computer adj2 program) same (right near2		1
		channel)	EPO; JPO;	13:04
			DERWENT	
-	13	("4870600"   "4962422"   "5379369"	USPAT	2003/08/21
		"5519485"   "5594843"   "5917539"		13:04
		"5929861"   "5953013"   "5953014"		
		"5973831"   "6023263"   "6031564"		
		"6055012").PN.		2002/00/01
-	446	(381/77,79).CCLS.	USPAT;	2003/08/21
į			EPO; JPO	13:08
_	9	5715317.URPN.	USPAT	2003/08/21
				13:22
1_	10	("4893342"   "4910779"   "4975954"	USPAT	2003/08/21
-	10		OSTAL	13:23
		"5034983"   "5136651"   "5333200"		15.25
		"5525862"   "5684881"   "5715317"		
		"5799094").PN.		
-	9	5684881.URPN.	USPAT	2003/08/21
				13:24
_	18	5500900.URPN.	USPAT	2003/08/21
		, ,		13:40
	18	5500900.URPN.	USPAT	2003/08/21
-	1	3300300.0RFN.	ODIAL	13:40
		5501001	******	
į <del>-</del>	18	5521981.URPN.	USPAT	2003/08/21
				13:40
-	11	5742689.URPN.	USPAT	2003/08/21
				13:40
<u>-</u>	1 7	("4506358"   "4734934"   "5027689"	USPAT	2003/08/21
	1	"5212733"   "5440639"   "5521981"	· = =	13:44
	1	"5734724").PN.		
			HCDAM.	2003/08/21
-	3	(381/17).ccls. and (cues near3 percept\$3)	USPAT;	
	1		EPO; JPO	13:52
-	9	\ · · · · · · · · · · · · · · · · · ·	USPAT	2003/08/21
1		"5581618"   "5666425"   "5822438"		13:46
1		"5946400"   "6259795"   "6307941").PN.		
-	9	1	USPAT	2003/08/21
	1	"5581618"   "5666425"   "5822438"	<del></del>	13:49
	1	"5946400"   "6259795"   "6307941").PN.		+3. 43
1			HODAM.	2002/00/21
-	0	(381/17).ccls. and (near-ear near2	USPAT;	2003/08/21
1		table\$1)	EPO; JPO	13:52
-	0	near-ear near2 table\$1	USPAT;	2003/08/21
1	1		EPO; JPO	13:52
-	2	near-field near2 table\$1	USPAT;	2003/08/21
	1		EPO; JPO	13:53
1_	l 0	(audio adj2 process\$3) same (near-field	USPAT;	2003/08/21
1	I			13:56
	1	near2 table\$1)	EPO; JPO	1
-	87	(near-field near2 distance)	USPAT;	2003/08/21
1			EPO; JPO	14:00
-	1	(near-field near4 ear)	USPAT;	2003/08/21
1		<u> </u>	EPO; JPO	14:01
_	8	(near-field near4 audio)	USPAT;	2003/08/21
	1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	EPO; JPO	14:10
1_	7	(381/1).ccls. and (binaur\$2 adj2		2003/08/21
1 -	1 '		USPAT	
	I	synthe\$4)		14:17

Search History 7/6/04 4:32:10 PM Page 3

-	13	("4199658"   "4741035"   "4910779"	USPAT	2003/08/21
1		"4975954"   "5208860"   "5371799"		14:13
		"5386082"   "5440639"   "5452359"		
		"5495534"   "5511129"   "5521981"		
		"5659619").PN.		İ
-	0	(381/1).ccls. and (inverse adj2 squar\$2	USPAT	2003/08/21
		near2 depend\$4)		14:18
-	0	(381/17).ccls. and (inverse adj2 squar\$2	USPAT	2003/08/21
		near2 depend\$4)		14:18
- ·	0	(381/1).ccls. and (inverse adj2 squar\$2	USPAT	2003/08/21
		near3 sound)		14:18
-	1 '	(381/17).ccls. and (inverse adj2 squar\$2	USPAT	2003/08/21
		near3 sound)		14:19
-	0	cues same (inverse adj2 squar\$2 near3	USPAT	2003/08/21
	•	sound)		14:19
-	1	cues same (inverse adj2 squar\$2)	USPAT	2003/08/21
				14:48
-	18	source adj2 posit\$3 near3 table	USPAT	2003/08/21
				14:48
-	60	source near2 posit\$3 near3 table	USPAT	2003/08/21
				14:53
-	11	("4561102"   "4991215"   "5749065"	USPAT	2003/08/21
		"5774838"   "5825311"   "5878388"		14:52
}		"5960388"   "6018707"   "6330534"		1
		"6330535"   "6345247").PN.		
-	352	sound near2 source near2 posit\$3	USPAT	2003/08/21
		<b>,</b>		14:53
_	5	("4748669"   "5438623"   "5930733"	USPAT	2003/08/21
,		"5970153"   "6067361").PN.		14:54
<u>-</u>	15	5404406.URPN.	USPAT	2003/08/21
				15:06
_	17	monophon\$2 adj2 process\$3	USPAT;	2003/08/21
			EPO; JPO	15:50
_	7	clemow.in. and HRTF	USPAT;	2004/06/30
	·		EPO; JPO;	13:09
			DERWENT	
_	0	9820707.URPN.	USPAT	2003/08/21
		30207071011211		16:01
_	7	nackvi.in. and HRTF	USPAT;	2003/08/21
	·		EPO; JPO;	16:02
			DERWENT	10.02
_	l o	central-research.AS. and HRTF and gain	USPAT;	2003/08/21
		concrat toboatoning, and mar and gath	EPO; JPO;	16:14
			DERWENT	
<u></u>	ا م	centralresearch.AS. and HRTF and gain	USPAT;	2003/08/21
		denotation and mail and gath	EPO; JPO;	16:20
			DERWENT	
_	71	"central research laboratories".AS.	USPAT;	2003/08/21
	'-	January Topogram Indianolation (No.	EPO; JPO;	16:26
			DERWENT	
_	3	5600727.URPN.	USPAT	2003/08/21
	١	0000121.01(21.	35111	16:22
-	l 0	"central research laboratories".in.	USPAT;	2003/08/21
[	I	Jonethal Tenedaton Tanotacotten . In.	EPO; JPO;	16:26
1			DERWENT	
_	l 0	central-research-laboratories.in.	USPAT;	2003/08/21
-	I	Conclus reseason tabolacottes.in.	EPO; JPO;	16:26
			DERWENT	10.20
1_	4	("4555795"   "5235646"   "5301236"	USPAT	2003/08/22
-	1	( 4555795	OSFAI	08:27
	9	4404427.URPN.	USPAT	2003/08/22
-		110112/.URFN.	USPAI	08:34
1_	1.0	(("6005946") or ("6118875") or	HCDAT.	2003/08/22
1	1 20		USPAT;	1 ' ' '
1		("5208862") or ("5715815") or ("5600727")	EPO; JPO;	12:33
1		or ("6084970") or ("6496796") or	DERWENT	
1_		("5901232")).PN.	HGDAM .	2003/00/00
-	2	("5751815").PN.	USPAT;	2003/08/22
1			EPO; JPO;	12:34
1		(381/1) CCI S	DERWENT	1 2003 /02 /22
-	564	(381/1).CCLS.	USPAT;	2003/08/22
	L		EPO; JPO	13:14

_	0	6385320.URPN.	USPAT	2003/08/22
	,	#5572501# DN	IICDAM	12:51
-	1	"5572591".PN.	USPAT	2003/08/22
l _	10	("4893342"   "4910779"   "4975954"	USPAT	2003/08/22
	10	"5034983"   "5136651"   "5333200"	001111	13:10
		"5525862"   "5684881"   "5715317"		
		"5799094").PN.		
-	0	(381/1).ccls. and (gain adj2 table\$1)	USPAT;	2003/08/22
	0	(381/1).ccls. and (delay near3 distan\$2	EPO; JPO USPAT;	13:16 2003/08/22
-		near4 table)	EPO; JPO	13:17
_	4	(381/1).ccls. and (look near4 table)	USPAT;	2003/08/22
	:		EPO; JPO	14:26
-	1	("5333200").PN.	USPAT	2003/08/22
	0	("near-fieldnear3distance").PN.	USPAT;	14:28
-		\ near-frequeersurstance   .FN:	EPO; JPO	14:29
_	114	near-field near3 distance	USPAT	2003/08/22
				14:32
-	12	(near-field near2 effects) same signal	USPAT	2003/08/22
_	1	(near-field near2 effects) same audio	USPAT	14:33
_	1		JULAT	14:44
-	2	(signal adj3 magnit\$3 near5 cue\$1)	USPAT;	2003/08/22
			EPO; JPO	14:46
-	0	(cue\$1 near2 percept\$2)	USPAT;	2003/08/22
_	71	   (cue\$1 near2 percept\$3)	EPO; JPO USPAT;	14:46
-	'1	/ /creat Hears bereebeds/	EPO; JPO	14:58
-	164	"central research lab".AS.	USPAT;	2003/08/22
		•	EPO; JPO	15:03
-	0	"central research lab\$9".AS.	USPAT;	2003/08/22
	274	central research".AS.	EPO; JPO USPAT;	15:03   2003/08/22
_	2/4	Central research .As.	EPO; JPO	15:04
_	. 9	("5105462"   "5371799"   "5467401"	USPAT	2003/08/22
		"5581618"   "5666425"   "5822438"		15:04
		"5946400"   "6259795"   "6307941").PN.	**************************************	2002/00/26
_	0	(381/1,17).ccls. and (signal adj2 magnit\$3 same cue\$1)	USPAT; EPO; JPO	2003/08/26
_	٥ ا	1	USPAT;	2003/08/22
	_	magnit\$3 same percept\$3)	EPO; JPO	15:11
-	8	\	USPAT;	2003/08/22
	600	percept\$3)	EPO; JPO USPAT;	15:48
-	623	texas.AS. and sound	EPO; JPO	15:32
-	6	"texas instruments".AS. and (3D adj2	USPAT;	2003/08/22
		sound)	EPO; JPO	15:31
-	135	lueck.in.	USPAT;	2003/08/22
_	1	("6442277").PN.	EPO; JPO USPAT	15:31 2003/08/22
		( 0,122// /.14.	JULAI	15:32
-	4	1 , , ,	USPAT	2003/08/22
		"6307941").PN.		15:32
-	11	(381/1,17).ccls. and (single near2 chann\$2 near2 audio)	USPAT; EPO; JPO	2003/08/26
_	16		USPAT	2003/08/26
	"	"5438623"   "5581618"   "5596644"		13:29
		"5729612"   "5742689"   "5751817"	1	
		"5761314"   "5764777"   "5928311"		
		"5943427"   "6011754"   "6021200"   "6035045").PN.		
_	16	1	USPAT	2003/08/26
		"5438623"   "5581618"   "5596644"		13:30
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		"5761314"   "5764777"   "5928311"     "5943427"   "6011754"   "6021200"		
		"5943427"   "6011754"   "6021200"   "6035045").PN.		
_	11	l · · · · · · · · · · · · · · · · · · ·	USPAT;	2003/08/26
1		near2 audio)	EPO; JPO;	14:22
L	<u> </u>		DERWENT	

			<del></del>	
-	11	(381/1,17).ccls. and (single near2	USPAT;	2003/08/26
		channel near2 audio)	EPO; JPO;	14:24
			DERWENT	
-	4	(381/1,17).ccls. and (single near2	USPAT;	2003/08/26
		channel near2 process\$3)	EPO; JPO;	14:49
		•	DERWENT	
_	34	5208860.URPN.	USPAT	2003/08/26
	"	0200000.0KIM.	051111	14:39
	1102	(381/1,17,18).ccls.	USPAT;	2003/08/27
-	1102	(301/1,17,10).0013.	EPO; JPO	08:27
	1	(201/1 17 10) /5:-1	· ·	–
-	1	(381/1,17,18).ccls. and (field near2	USPAT;	2003/08/27
	_	gain)	EPO; JPO	08:31
-	1	(381/1,17,18).ccls. and (field adj2	USPAT;	2003/08/27
		effect\$1 near2 gain)	EPO; JPO	08:32
-	] 27	(381/1,17,18).ccls. and (gain adj2	USPAT;	2003/08/27
		fact\$3)	EPO; JPO	08:35
-	1	("4136260").PN.	USPAT	2003/08/27
				08:36
-	1	GB-2232796-\$.did.	USPAT;	2003/08/27
			EPO; JPO	08:37
-	0	EP-0160431-\$.did.	USPAT;	2003/08/27
		·	EPO; JPO	08:37
_	٥. ا	EP-160431-\$.did.	USPAT;	2003/08/27
	l	,	EPO; JPO	08:38
1_	_	EP-0160431-\$.did.	USPAT;	2003/08/27
	l	HI OTOURDI A'MIM'	EPO; JPO	08:38
1_	٥ ا	EP-0160431-\$.did.	USPAT;	2003/08/27
-	١	EF-0160431-3.414.		
			EPO; JPO;	08:38
			DERWENT	/
-	2	WO-9515069-\$.did.	USPAT;	2003/12/31
			EPO; JPO;	11:34
			DERWENT	l
-	0	GB-9813290-\$.did.	USPAT;	2003/08/27
		,	EPO; JPO;	08:55
			DERWENT	
-	0	GB-9813290.5-\$.did.	USPAT;	2003/08/27
			EPO; JPO;	08:55
			DERWENT	
-	32	method adj2 synthes\$6 adj2 audio	USPAT;	2003/08/27
			EPO; JPO;	08:59
			DERWENT	
_	. 0	EP-0689756-\$.did.	USPAT;	2003/08/27
	ľ	El 0003.00 V.ala.	EPO; JPO;	09:00
			DERWENT	03.00
		EP-B-0689756-\$.did.	USPAT;	2003/08/27
-	١ ٠	EF-B-0009/30-3.did.	EPO; JPO;	
				09:06
		/201/210\ CCTC	DERWENT	2003/08/27
-	51	(381/310).CCLS.	USPAT;	2003/08/27
			EPO; JPO	11:05
-	67	audio adj2 process\$3 near2 program	USPAT;	2003/08/27
	_		EPO; JPO	09:50
-	1	(single adj2 chann\$2) same (audio adj2	USPAT;	2003/08/27
		process\$3 near2 program)	EPO; JPO	09:51
-	_ 2	(single adj2 chann\$2 adj3 process\$3)	USPAT;	2003/08/27
1		near2 program	EPO; JPO	11:03
-	40	(381/303).CCLS.	USPAT;	2003/08/27
			EPO; JPO	11:10
-	2	(3D adj2 sound) near synthe\$6	USPAT;	2003/08/27
			EPO; JPO	11:10
-	9	("5105462"   "5371799"   "5467401"	USPAT	2003/08/27
1		"5581618"   "5666425"   "5822438"		11:11
		"5946400"   "6259795"   "6307941").PN.		j
<b>-</b>	12	"5742689"	USPAT	2003/12/22
				11:23
_	0	(381/17).ccls. and (head adj2 respon\$2)	USPAT;	2003/12/30
		(301/17).ccis. and (nead adj2 lespon32)   same magnit\$3	EPO; JPO;	09:12
		Same magniteys		09.12
1_		/201/1 17 10\ mala ==== /\= -== 2	DERWENT	1 2002 /12 /22
-	0	( / - / /	USPAT;	2003/12/30
	_	respon\$2) same magnit\$3	EPO; JPO	09:12
-	8	(381/1,17,18).ccls. and (HRTF) same	USPAT;	2003/12/30
	l	magnit\$3	EPO; JPO	09:19

_	5	("4748669"   "5438623"   "5930733"	USPAT	2003/12/30
		"5970153"   "6067361").PN.		09:13
-	2	(381/1,17,18).ccls. and (inverse near2	USPAT;	2003/12/30
		square) same magnit\$3	EPO; JPO	09:20
-	6	(381/1,17,18).ccls. and (inverse near2	USPAT;	2003/12/30
		square) same distance	EPO; JPO	09:22
-	4	(381/1,17,18).ccls. and (linear near2	USPAT;	2003/12/30
		scale)	EPO; JPO	09:22
-	1	("5943427").PN.	USPAT	2003/12/31
	10	   ("3665105"   "4648115"   "4731848"	USPAT	08:39 2003/12/31
-	12	"4792974"   "4817149"   "4908858"	USPAI	08:40
		"4792974"   "4817149"   "490888		00:40
		"5371799"   "5500900"   "5521981").PN.		
l_	3	5943427.URPN.	USPAT	2003/12/31
		3313127.0N1N.	OSTAI	10:26
<u>-</u>	1	(381/1,17,18).ccls. and (ILD) same gain	USPAT;	2004/01/02
	_	(301/1/17/10/:0015: dita (115/ 5dine 9dii:	EPO; JPO	10:50
_	6	(381/1,17,18).ccls. and (interaur\$2 adj2	USPAT;	2003/12/31
	•	level adj2 differe\$3)	EPO; JPO	10:35
-	7	(381/1,17,18).ccls. and (gain near4	USPAT;	2004/01/02
		distanc\$2)	EPO; JPO	08:29
_	0	(381/1,17,18).ccls. and (computer near2	USPAT;	2003/12/31
	1	program) same HRTF	EPO; JPO	10:36
-	0	(381/1,17,18).ccls. and (computer near2	USPAT;	2003/12/31
		program) same (head near2 response)	EPO; JPO	10:36
-	0	(381/1,17,18).ccls. and (program) same	USPAT;	2003/12/31
		(head near2 response)	EPO; JPO	10:36
-	0	(381/1,17,18).ccls. and (combin\$3) same	USPAT;	2003/12/31
		left same right same (other near3	EPO; JPO	10:41
		chann\$3)		/
-	124	(381/1,17,18).ccls. and (combin\$3) same	USPAT;	2004/01/09
	l	left same right same (chann\$3)	EPO; JPO	12:55
-	34	(381/1,17,18).ccls. and (combin\$3) near3	USPAT;	2004/01/08
	١ ,	left near3 right near4 (chann\$3)	EPO; JPO	13:31
-	4	(("6307941") or ("6259795") or	USPAT	2003/12/31
	22	("5946400") or ("5822438")).PN. sibbald.in. and (combin\$3)	USPAT;	11:17
-	22	Sippaid.in. and (combines)	EPO; JPO;	11:20
			DERWENT;	11.20
			IBM TDB	
_	24	"central research".AS. and (audio near2	USPAT;	2003/12/31
		signal)	EPO; JPO;	11:23
		,,	DERWENT;	
			IBM TDB	
-	2	WO-9410816-\$.did.	USPĀT;	2003/12/31
			EPO; JPO;	11:34
			DERWENT	
-	2	(("5440639") or ("5438623")).PN.	USPAT	2003/12/31
	_	1000 10 10 10 10		11:34
-	7	(381/1,17,18).ccls. and (inverse near2	USPAT;	2004/01/02
	_	squar\$1 near2 law)	EPO; JPO	10:29
-	1	(381/310).ccls. and (inverse near2	USPAT; EPO; JPO	2004/01/05 16:09
1_	2	squar\$1 near2 law)   (inverse near2 squar\$1 near2 law) same	USPAT;	2004/01/05
-	2	cue\$1	EPO; JPO	12:29
l _	1	("4817149").PN.	USPAT	2004/01/02
1		1 101/110 / 1111	551111	08:29
_	14	(381/1,17,18,310).ccls. and (look-up	USPAT;	2004/06/28
	1	near2 table)	EPO; JPO	14:15
_	4	(381/1,17,18,310).ccls. and (sound near2	USPAT;	2004/01/05
		level near2 intens\$3)	EPO; JPO	16:05
-	2	(("6078622") or ("5983087")).PN.	USPAT	2004/01/05
				10:12
-	9	,	USPAT	2004/01/05
	,	"5581618"   "5666425"   "5822438"		10:23
		"5946400"   "6259795"   "6307941").PN.		
-	2	(inverse near2 squar\$1) same cue\$1	USPAT;	2004/01/05
1	1.0	/dusanaa maana amaaaaa	EPO; JPO	11:44
-	19		USPAT;	2004/01/05
L	l	gain	EPO; JPO	12:32

-	40	(inverse near2 squar\$1) same speak\$2	USPAT;	2004/06/29
			EPO; JPO	15:31 2004/01/05
-	836	(381/104,105,107).ccls.	USPAT; EPO; JPO	14:42
	_	(201/104 105 107)ld /immengo	USPAT;	2004/01/05
-	1	(381/104,105,107).ccls. and (inverse near2 square) same distance	EPO; JPO	16:09
	1	(381/104,105,107).ccls. and (inverse	USPAT;	2004/01/06
] -	1	near2 square) same gain	EPO; JPO	17:21
	431	(381/104/105,107).CCLS.	USPAT;	2004/01/05
-	431	(501) 101) 100) 107) .0020.	EPO; JPO	14:43
_	39	((381/104/105,107).CCLS.) and distance	USPAT;	2004/01/05
		, , , , , , , , , , , , , , , , , , , ,	EPO; JPO	14:43
_	540	(381/17,310).CCLS.	USPAT;	2004/01/05
			EPO; JPO	15:58
] -	2	(("5473682") or ("5910990")).PN.	USPAT;	2004/01/05
			EPO; JPO	15:14
-	12	("3665105"   "4648115"   "4731848"	USPAT	2004/01/05
		"4792974"   "4817149"   "4908858"		15:27
		"5046097"   "5073942"   "5337363"   "5371799"   "5500900"   "5521981").PN.		
	205	(381/74).CCLS.	USPAT;	2004/01/05
_	205	(381/74).0013.	EPO; JPO	15:58
1_	38	(381/1,17,18,310).ccls. and (free near2	USPAT;	2004/01/05
-		(381/1,17,10,310): ccis: and (11cc near)	EPO; JPO	16:08
_	9	(381/1,17,18,310).ccls. and (near-field)	USPAT;	2004/01/05
			EPO; JPO	16:05
_	1	(381/1,17,18,310).ccls. and (free near2	USPAT;	2004/01/05
		field) same gain	EPO; JPO	16:08
-	6	1 ,	USPAT;	2004/01/08
	· ·	squar\$1 near2 law)	EPO; JPO	11:45
-	1	(381/104,105,107).ccls. and (inverse	USPAT; EPO; JPO	2004/01/06   17:21
	100	near2 square)	USPAT;	2004/01/08
] =	102	(inverse near2 squar\$1) same gain	EPO; JPO	09:37
	30	(inverse near2 squar\$1) near4 gain	USPAT;	2004/01/08
-	]	/Inverse hearz squaryry hearr garn	EPO; JPO	09:39
<u>-</u>	0	(inverse near2 squar\$1) near4 gain same	USPAT;	2004/01/08
	_	distance	EPO; JPO	09:39
_	26	(inverse near2 squar\$1) same gain same	USPAT;	2004/01/08
	ļ	distance	EPO; JPO	09:39
-	19		USPAT;	2004/01/08
		(process\$3 near4 audio))	EPO; JPO	11:48
-	24		USPAT; EPO; JPO	2004/01/08
	1.0	(process\$3 near4 audio))	USPAT;	2004/01/08
<del>-</del>	12	(381/17,18,310).ccls. and (inaudib\$2)	EPO; JPO	13:21
	Δ.	(381/17,18,310).ccls. and (transaur\$2	USPAT;	2004/01/08
1		near2 crosstal\$1)	EPO; JPO	13:23
l _	4	(381/17,18,310).ccls. and (transaur\$2	USPAT;	2004/01/08
	1	near3 crosstal\$1)	EPO; JPO	13:23
_	0	(381/1,17,18,310).ccls. and (combin\$3)	USPAT;	2004/01/08
		near3 left near3 right same (other near2	EPO; JPO	13:31
		chann\$3)	TTG D D W	2004/01/00
-	43	(381/1,17,18,310).ccls. and (combin\$3)	USPAT;	2004/01/09
	_	near3 left near3 right same (chann\$3) (381/1,17,18,310).ccls. and (binaural)	EPO; JPO USPAT;	2004/01/08
1-	1	near5 (stereo near3 speak\$3)	EPO; JPO	13:43
1_	1		USPAT	2004/01/08
-	1	3230343 .III.		13:33
_	9	("3236949"   "4893342"   "4910779"	USPAT	2004/01/08
		"4975954"   "5889867"   "6009178"		13:34
		"6243476"   "6307941"   "6442277").PN.	1	
-	1		USPAT	2004/01/08
	}			13:43
-	32	3236949.URPN.	USPAT	2004/01/08
	_	(201/1 17 10 210) (1	IICDAM.	13:43   2004/01/08
-	2		USPAT; EPO; JPO	15:30
_	6	(single near2 ear) (381/1,17,18,310).ccls. and (single near2	USPAT;	2004/01/08
1	"	(381/1,17,18,310).ccis. and (single near)	EPO; JPO	15:08
L		1041		1

-	9	("5105462"   "5371799"   "5467401"   "5581618"   "5666425"   "5822438"	USPAT	2004/01/08 15:41
_	250	"5946400"   "6259795"   "6307941").PN. (381/1,17,18,310).ccls. and (surround)	USPAT;	2004/01/08
_	61	("3170991"   "3246081"   "3249696"	EPO; JPO USPAT	15:43   2004/01/08
		"3665105"   "3697692"   "3725586"     "3745254"   "3757047"   "3761631"		15:44
		"3772479"   "3849600"   "3885101"     "3892624"   "3943293"   "4024344"		
		"4063034"   "4069394"   "4118599"   "4139728"   "4192969"   "4218585"		
		"4219696"   "4237343"   "4239937"   "4303800"   "4308423"   "4308424"		:
		"4309570"   "4332979"   "4349698"   "4355203"   "4356349"   "4393270"		
		"4394536"   "4408095"   "4479235"		
		"4489432"   "4495637"   "4497064"   "4503554"   "4567607"   "4569074"		
		"4589129"   "4594610"   "4594730"   "4748669"   "4856064"   "4866774"		
		"4953213"   "5046097"   "5105462"   "5208860"   "5251260"   "5255326"		
		"5319713"   "5400405"   "5533129"   "5661808"   "5692050"   "5850454"		
_	9	"5883962").PN.   ("5105462"   "5371799"   "5467401"	USPAT	2004/01/08
		"5581618"   "5666425"   "5822438"   "5946400"   "6259795"   "6307941").PN.		15:50
-	3	("3725586"   "4121059"   "5982903").PN.	USPAT	2004/01/08
-	1	("5666425").PN.	USPAT	2004/01/09
-	0	EP-689756-\$.did.	USPAT; EPO	2004/01/09
-	0	EP-0689756-\$.did.	USPAT; EPO	2004/01/09
-	0	EP-B0689756-\$.did.	USPAT; EPO	2004/01/09
-	o	EP-B0689756-\$.did.	USPAT; EPO; JPO;	2004/01/09
			DERWENT;	12.45
_	О	EP-0689756-\$.did.	IBM_TDB USPAT;	2004/01/09
			EPO; JPO; DERWENT;	12:43
_	2	EP-689756-\$.did.	IBM_TDB USPAT;	2004/01/09
			EPO; JPO; DERWENT;	12:43
_	49	1 ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	<pre>IBM_TDB USPAT;</pre>	2004/01/09
_	26		EPO; JPO USPAT;	12:57 2004/01/09
_	1	near3 (stereo) same left same right ("5943427").PN.	EPO; JPO USPAT	12:57 2004/06/28
_	19		USPAT;	13:59 2004/06/28
		same gain) and ea\$2	US-PGPUB; EPO; JPO	14:06
_	0	(381/1,17,18,310).ccls. and (distance near8 gain) near8 ea\$2	USPAT; US-PGPUB;	2004/06/28 14:07
_	114		EPO; JPO USPAT;	2004/06/28
		gain) and ea\$2	US-PGPUB; EPO; JPO	14:07
-	5	(381/1,17,18,310).ccls. and (look-up near2 table) and gain and distance	USPAT; EPO; JPO	2004/06/28 14:15
_	6	(381/1,17,18,310).ccls. and (look-up	USPAT;	2004/06/28
		near2 table) and gain and distance	US-PGPUB; EPO; JPO	14:44

-	1	("3969588").PN.	USPAT	2004/06/28
-	0	"central research".AS. and distance same gain same inverse	USPAT; US-PGPUB; EPO; JPO	2004/06/29 15:34
-	0	"central".AS. and distance same gain same inverse	USPAT; US-PGPUB; EPO; JPO	2004/06/29 15:34
-	4	"central research".AS. and distance and gain and inverse	USPAT; US-PGPUB; EPO; JPO	2004/06/29 15:37
-	5	("5438623"   "5644640"   "5822438"   "5917916"   "6243476").PN.	USPAT	2004/06/29 15:37
-	0	"sibbald".AS. and distance and gain and inverse	USPAT; US-PGPUB; EPO; JPO	2004/06/29
-	3	"sibbald".in. and distance and gain and inverse	USPAT; US-PGPUB; EPO; JPO	2004/06/29 16:11
-	0	6643375.URPN.	USPAT	2004/06/29 15:38
-	15	("1855149"   "3236949"   "3943293"   "4097689"   "4149036"   "4192969"   "4209665"   "4219696"   "4349698"   "4975954"   "4980914"   "5128886"   "5136651"   "5440639"   "5715317").PN.	USPAT	2004/06/29 15:38
-	582	(inverse near2 squar\$1) same intensity	USPAT; US-PGPUB; EPO; JPO	2004/06/29 16:12
-	269	(inverse near squar\$1 near law) same intensity	USPAT; US-PGPUB; EPO; JPO	2004/06/29 16:12
-	152	(inverse near squar\$1 near law) same intensity and cu\$2	USPAT; US-PGPUB; EPO; JPO	2004/06/29 16:14
-	60	(inverse near squar\$1 near law) same sound	USPAT; US-PGPUB; EPO; JPO	2004/06/29 16:17
-	125	(inverse near squar\$1 near law) and sound	USPAT; US-PGPUB; EPO; JPO	2004/06/29 16:30
-	59	(inverse near squar\$1 near law) and sound and ea\$2	USPAT; US-PGPUB; EPO; JPO	2004/06/29 16:39
-	5	("5369710"   "5371799"   "5440639"   "5485514"   "5812674").PN.	USPAT	2004/06/29 16:33
-	5	(inverse near squar\$1 near law) same ear	USPAT; US-PGPUB; EPO; JPO	2004/07/06
-	0	(inverse near squar\$1 near law) same headpho\$3	USPAT; US-PGPUB; EPO; JPO	2004/06/29 17:08
_	0	(inverse near squar\$1 near law) near5 headpho\$3	USPAT; US-PGPUB; EPO; JPO	2004/06/29 17:08
-	14	(inverse near squar\$1 near law) and headpho\$3	USPAT; US-PGPUB; EPO; JPO	2004/06/29 17:08
-	5	("5369710"   "5371799"   "5440639"   "5485514"   "5812674").PN.	USPAT	2004/06/29 17:09
-	11	sibbald.in. and gain	USPAT; EPO; JPO; DERWENT	2004/06/30 13:09
-	0	5751815.URPN.	USPAT	2004/06/30
-	27	(381/1,17,18,310).ccls. and (distance same gain)	USPAT; US-PGPUB; EPO; JPO	2004/07/06 09:24
-	7	3969588.URPN.	USPAT	2004/07/02 08:57

_	28	(381/1,17,18,310).ccls. and (interaural	USPAT;	2004/07/06
		adj2 time adj2 difference)	US-PGPUB;	09:26
			EPO; JPO	
_	60	(inverse near squar\$1 near law) same	USPAT;	2004/07/06
		sound	US-PGPUB;	10:46
			EPO; JPO	
_	1	("6009178").PN.	USPAT	2004/07/06
				10:46
-	1	("5666425").PN.	USPAT	2004/07/06
				16:01